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(54) **Synthetic image automatic generation system and method thereof**

(57) Provided is a computer system and a computerized method to automatically generate the synthetic images that simulate the human activities in a particular environment. The program instructions are input in the form of the natural language. Particular columns are provided in the user interface to allow the user to select desired instruction elements from sets of limited candidates.

The instruction elements form the program instructions. The system analyzes the program instructions to obtain the standard predetermined time evaluation codes of the instructions. Parameters not include in the input program instructions are generated automatically. Synthetic images are generated by using the input program instructions and the parameters obtained.

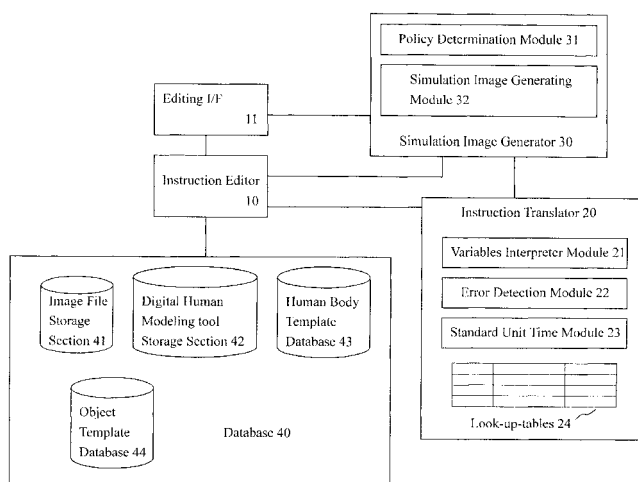


Fig. 1

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	VUJOSEVIC R ET AL: "Simulation, animation, and analysis of design disassembly for maintainability analysis" INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, TAYLOR AND FRANCIS, GB LNKD-DOI:10.1080/00207549508904858, vol. 33, no. 11, 1 November 1995 (1995-11-01), pages 2999-3022, XP008105923 ISSN: 0020-7543	1-44	INV. G06T15/70 G06T13/00 G06F17/20 ADD. G06F3/00 G06F17/50
Y	* abstract * * figures 1, 7, 11, 12, 15 * * page 3011 - page 3012 * * page 3015 - Disassembly steps and paragraphs below listing of disassembly steps *	1-44	
Y	----- DOSSETT R: "Computer application of a natural-language predetermined motion time system" COMPUTERS & INDUSTRIAL ENGINEERING UK, vol. 23, 30 November 1992 (1992-11-30), pages 319-322, XP002589006 ISSN: 0360-8352 * abstract * * page 319, chapter "FAST and NATURAL LANGUAGE" * * lower half; page 319, right-hand column * * upper half; page 322, left-hand column * ----- -/--	1-44	TECHNICAL FIELDS SEARCHED (IPC) G06T G06F
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 25 June 2010	Examiner Vollmann, Karl
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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EUROPEAN SEARCH REPORT

Application Number
EP 08 16 0754

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	Esakov, J. et al: "Human Task Animation from Performance Models and Natural Language Input" 31 December 1989 (1989-12-31), pages 194-203, XP002589007 Retrieved from the Internet: URL: http://repository.upenn.edu/cgi/viewcontent.cgi?article=1117&context=hms [retrieved on 2010-05-31] * abstract * * page 2 4 6 *	1-44	
A	----- BADLER N I: "HUMAN TASK ANIMATION" PROCEEDINGS OF THE ANNUAL CONFERENCE EXPOSITION. NATIONALCOMPUTER GRAPHICS ASSOCIATIONS, COMPUTER GRAPHICS, XX, XX, vol. 1, 17 April 1989 (1989-04-17), pages 343-354, XP001057576 * abstract * * figure on page 347 * -----	1-44	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
Place of search Berlin		Date of completion of the search 25 June 2010	Examiner Vollmann, Karl
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